

SPECIFICATION AMENDMENT  
Application No. 10/699391

BRIEF DESCRIPTION OF THE DRAWING

FIG. 1 is a function block diagram of the circuit apparatus of the present invention. ; and

FIG. 2 is a table of voltage values showing compensation as provided by the invention in connection with typical 120 VAC line power.

DESCRIPTION OF A PREFERRED EMBODIMENT

The present invention has its most advantageous application in providing compensation for electrical compensation for source voltage variation as supplied to so-called RV s (recreation vehicles). An RV has electrical equipment that can be typically found in a domestic home and in regard to which in the United States will be provided 120 VAC service voltage which preferably lies within the range of 115-125 VAC in order to efficiently and safely operate domestic home electrical appliances and equipment. It has also been found that since an RV frequently taps into public electrical service at remote points from source voltage generation that actual source voltage experienced at the RV may vary from 90-130 VAC at different times of the day. Although not confined in this regard, for clarity of presentation, the description of the preferred embodiment will be given for a typical 120 VAC source voltage varying as indicated.

In its broadest aspects, the circuit apparatus of this invention is electrical inserted between a source voltage and an RV electrical inlet by conventional cabling and connectors of the male and female category, which